## APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date	of filing in State Engineer's Office	APK 1 4 1978
Retu	rned to applicant for correction	
Corr	ected application filed	······································
Мар	filed	APR 1 4 1978 under 35285
	Snit	gy Development Company e 1500 Box 9 , of Dallas City or Town
	Texas (75251)	, hereby make application for permission to appropriate the public
wate	State and Zip Code No.  rs of the State of Nevada, as hereinafte	r stated. (If applicant is a corporation, give date and place of incorpora-
tion;	if a copartnership or association, give r	ames of members.)
	Incorporated January 2,	1975 in the State of Delaware
1.		on is Underground Well No. 5  Name of stream, lake or other source.
2.	The amount of water applied for is	3.25 second-feet One second-foot equals 448.83 gals, per min.
		f acre-feetacre-feet
3.	The water to be used for	Industrial Irrigation, power, mining, manufacturing, domestic, or other use.
	If use is for:	·
	(a) Irrigation (state number of acres to	be irrigated)
	(b) Stockwater (state number and kinds	of animals to be watered)
	(c) Other use (describe fully under "N	o. 12. Remarks")
	(d) Power:	
	(1) Horsepower developed	••••••
	(2) Point of return of water to stre	am
5.	The water is to be diverted from its so	urce at the following point: NWANWA section 11, T32N,
		int from which the NW corner of said section of public survey, and by course and distance to a section corner. If on unsurveyed land,
	it should be stated.	67 feet.
6.	Desc	S½ section 35, S½ section 36, T33N, R23E, ribe by legal subdivision, if on unsurveyed land it should be so stated.
		$E_{\Sigma}^{1}E_{\Sigma}^{1}$ section 9, sections 10,11,12,13,14,15,
	16,17,19,20,21,22,23,26	,27,28,29,30,31,32,33,34,35, T32N, R23E,
7.		1 and end about December 31 , of each year.  Day and Month
		the provisions of NRS 535.010 you may be required to submit plans and
	specifications of your diversion or stora	age works.) Drill well to approximately 6000
	State manner in which water is to be diverted	d cement back to surface to protect fresh, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.  Tor steam will flow through pipeline to
	electric plant.	
		the state of the s

10. Estimated time required to complete the application to beneficial use. Pive Years  11. Estimated dime required to complete the application to beneficial use. Pive Years  12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annus consumptive use.  This application is for a geothermal well with a production of 2.1 million gallons per day. The withdrawal will be 3520 acre feet per year; however, the high temperature water, would be flashed with the net effect of 210,000 qallons per day being beneficially used and, the remaining water returned to the reservoir so only 352 acre feet per year is actually used. This application is comingled, with the city of the reservoir so only 352 acre feet per year is actually used. This application is comingled, with the other application application. Sunoco Energy Development Company  By s. Richard W. Arden, Agent 51/yv 950 Industrial Way Sparks, Novada (89431)  AFFROVAL OF STATE ENGINEER  This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the final vater right to that industrial the permit will be dependent upon the amount of vater foreign granted is only a temporary allowance and that the final vater right to that and the permit will be dependent upon the amount of vater actually placed to beneficial use. It is also understood that this will be seen the second of the state water level, If the woll its flowing, a valve must be installed and measurements of vater use kept. The State retains the right to regulate the use of the water herein granted at any and all times.  There are to be no perforations in the well for at least the first 5000 feet. The well is to be commented from the 5000 foot Levie, to the surface to protect fresh water somes. The total water-steen equivalent to be withdrawn from this geothermal ground water reservoir under Permits 32285 through, 3336. Limited to 3520 acre-feet of water annually.  This permit is permit is defined before.  May 6, 1	9. E	Estimated	cost of wo	rks	<u></u>	00,000				
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Actual construction work shall begin on or before.  April 6, 1979  Proof of commencement of work shall be filed before.  May 6, 1979  Work must be prosecuted with reasonable diligence and be completed on or before.  April 6, 1980  Proof of completion of work shall be filed before.  May 6, 1980  April 6, 1980  April 6, 1985  Proof of the application of water to beneficial use shall be made on or before.  April 6, 1985  Proof of the application of water to beneficial use shall be filed on or before.  May 6, 1985  Map in support of proof of beneficial use shall be filed on or before.  May 6, 1985  Commencement of work filed.  IN TESTIMONY WHEREOF, I. ROLAND D. WESTERGARD State Engineer of Nevada, have hereunto set my hand and the seal of my office, this. 6th day of OCTOBER.  Collutaral map filed.  AD 19, 78										
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